AMENDMENTS TO THE CLAIMS

1-12. (Canceled)

13. (Currently Amended) A method of operating a digital video recorder through a web-hosted application via a web portal, comprising:

accessing a first server remote from the digital video recorder to launch the web-hosted application, the web-hosted application comprising an application program interface (API) and being capable of communicating with the digital video recorder to extract data therefrom;

receiving one or more integrated presentations formed by the API on the web-hosted application and sent by the first server in response to accessing the first server, each of the integrated presentations including the data extracted to replicate a corresponding interface of the digital video recorder, wherein each of the one or more integrated presentations is distinctive to the web portal;

selecting portions of the interface to initiate one or more commands to operate the digital video recorder;

wherein the web-hosted application stores the commands in a transaction file; and

wherein the web-hosted application, in response to a request from the digital video recorder, transmits the commands to the digital video recorder.

14. (Canceled)

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15. (Previously Presented) The method according to Claim 13, wherein the web-hosted application instantiates a plurality of objects for encapsulating functions associated with operating the digital video recorder, wherein the objects comprise programmable interfaces for operating the digital video recorder.

16. (Previously Presented) The method according to Claim 15, comprising operating the digital video recorder using the programmable interfaces.

17. (Original) The method according to Claim 13, wherein one of the commands causes the first server to access a second server, the web-hosted application running on the second server.

18. (Original) The method according to Claim 13, wherein the integrated presentation is transferred in XML format.

19. (Original) The method according to Claim 13, wherein the integrated presentations are formed by combining the data extracted with additional data received by the web-hosted application from one or more sources of data.

20. (Original) The method according to Claim 19, wherein the sources of data comprise databases and online services.

21. (Original) The method according to Claim 19, wherein the sources of data comprise broadcast programming guides in an electronic format.

22. (Previously Presented) The method according to Claim 13, wherein accessing the first server comprises sending an http request over the Internet to the first server.

23. (Canceled)

24. (Original) The method according to Claim 13, wherein the interface is selected from a group of interfaces consisting of a login interface, a Channel Guide, a Replay Guide, Replay Shows, Replay Channels, Find Shows, and Manual Record.

25. (Original) The method according to Claim 13, wherein the data is extracted periodically.

26. (Original) The method according to Claim 13, wherein the data is extracted on-the-fly.

27. (Currently Amended) A method of remote control of at least one digital video recorder via a web portal, comprising:

maintaining, at a server remote from the digital video recorder, a local representation of pre-existing information and data extracted from a plurality of data sources including the digital video recorder;

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forming an integrated presentation <u>using an application programming interface</u> <u>(API)</u> by combining the pre-existing information with the data extracted to replicate a corresponding interface of the at least one digital video recorder<u>, wherein the integrated</u> <u>presentation is distinctive to the web portal</u>;

transferring the integrated presentation to a network computing system for display on a client in response to receiving an instruction from the client;

receiving a command from the client in response to portions of the integrated presentation being selected, the command representing an operation to be performed on the digital video recorder;

updating the local representation with the command; and

only after receiving a request from the digital video recorder, sending the command to the digital video recorder to perform the operation on the digital video recorder.

28. (Original) The method according to Claim 27, wherein the network computing system comprises at least one web server communicatively coupled to a network, the web server receiving and forwarding the integrated presentation to the client over the network.

29. (Original) The method according to Claim 28, wherein the network comprises the Internet.

30. (Original) The method according to Claim 27, wherein the data sources are selected from a group consisting of databases and online websites.

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31. (Previously Presented) The method according to Claim 27, wherein the integrated presentation comprises a virtual representation of a user interface associated with the digital video recorder.

32. (Original) The method according to Claim 27, wherein maintaining the local representation comprises storing the pre-existing information and the data on a database.

33. (Previously Presented) The method according to Claim 27, further comprising: instantiating a plurality of objects for encapsulating functions associated with the operation of the digital video recorder, wherein the objects comprise programmable interfaces for invoking the operation on the digital video recorder.

34. (Previously Presented) The method according to Claim 33, further comprising sending the command to the digital video recorder using the programmable interfaces.

35. (Original) The method according to Claim 27, wherein the integrated presentation is transferred in XML format.

36. (Original) The method according to Claim 27, wherein the data sources comprise broadcast programming guides in an electronic format.

37. (Canceled)

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38. (Original) The method according to Claim 27, wherein the integrated presentation is selected from a group of interfaces consisting of a login interface, a Channel Guide, a Replay Guide, Replay Shows, Replay Channels, Find Shows, and Manual Record.

39. (Original) The method according to Claim 27, wherein the client comprises a browser.

40. (Original) The method according to Claim 27, wherein the local representation is maintained on a periodic basis.

41. (Original) The method according to Claim 27, wherein the local representation is maintained on-the-fly.

42-51. (Canceled)

52. (Currently Amended) A computer program product for operating a digital video recorder through a web-hosted application via a web portal, the computer program product stored on a computer readable storage medium, and adapted to perform operations, comprising:

accessing a first server remote from the digital video recorder to launch the web-hosted application, the web-hosted application comprising an application program interface (API) and capable of communicating with the digital video recorder to extract data therefrom;

receiving one or more integrated presentations formed by the <u>API on the</u> web-hosted application and sent by the first server in response to accessing the first server, each of the integrated presentations including the data extracted to replicate a corresponding interface of the digital video recorder<u>, wherein each of the one or more integrated presentations is distinctive to the web portal</u>;

selecting portions of the interface to initiate one or more commands to operate the digital video recorder; and

wherein the first server application stores the commands in a transaction file; and

wherein the first server, in response to a request from the digital video recorder, transmits the commands to the digital video recorder.

53. (Currently Amended) A computer program product for remote control of at least one digital video recorder<u> via a web portal</u>, the computer program product stored on a computer readable storage medium, and adapted to perform operations, comprising:

maintaining, at a server remote from the digital video recorder, a local representation of pre-existing information and data extracted from a plurality of data sources including the digital video recorder;

forming an integrated presentation <u>using an application programming interface (API)</u> by combining the pre-existing information with the data extracted to replicate a corresponding interface of the at least one digital video recorder<u>, wherein the integrated presentation is distinctive to the web portal</u>;

transferring the integrated presentation to a network computing system for display on a client in response to receiving an instruction from the client;

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receiving a command from the client in response to portions of the integrated presentation being selected, the command representing an operation to be performed on the digital video recorder;

updating the local representation with the command; and

only after receiving a request from the digital video recorder, sending the command to the digital video recorder for performing the operation on the digital video recorder.

54. (Canceled)

55. (Currently Amended) A method comprising:

providing a web-hosted client interface, wherein the web-hosted client interface replicates the interface of at least one digital video recorder using an application programming interface (API), wherein the replicated interface is distinctive to the web-hosted client interface;

receiving program guide information;

displaying the program guide information in the web-hosted client interface;

receiving, through the web-hosted client interface, a command for the operation of a first digital video recorder;

storing the command in a first transaction file;

receiving, from the first digital video recorder, a request for the first transaction file; and

in response to the request, transmitting the first transaction file to the first digital video recorder.

56. (Previously Presented) The method of claim 55, further comprising:

receiving, through the web-hosted client interface, a command for the operation of a second digital video recorder different from the first digital video recorder;

storing the command in a second transaction file;

receiving, from the second digital video recorder, a request for the second transaction file; and

in response to the request, transmitting the second transaction file to the second digital video recorder.